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Title

Cavitation mixer for two ingredients admitted separately - has oscillating-rotating drive shaft with blades having super-cavitation profile and cylinder to intensify mixing.

Inventor Name

BESKOROVAI, A G; FEDOTKIN, I M; NEMCHIN, A F

Patent Assignee

(KIPO) KIEV POLY

Patent Information

SU 827138 B 19810507 (198208)* 3p

Priority Application Information

SU 1979-2781895 19790619

Abstract

SU 827138 B UPAB: 19930915

Cavitation mixer, for use in the chemical, food, etc. industries, has body (1), pipes to admit the ingredients being mixed (2,3) and the mixing means which comprises the shaft (4) to which the blades (6) are fastened, having a super-cavitation profile. Specific power consumption is reduced and the degree of homogenisation and **dispersion** are increased as a result of cavitation and pulsation, by fitting the drive with an oscillating device (5). On the ends of the blades is rigidly fastened the cylinder (7), and the body is made with a circular slit (9) located after the blades. The drive shaft is also slotted.

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Accession Number

1982-15204E [08] WPINDEX
